

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
**Under 37 CFR 1.97(b), (c), or (d)**

Docket No.

APPM/7354/ETCH/DRIE

In re Application of: **Kim, et al.**

Serial No.  
**10/632,873**

Filing Date  
**8/1/2003**

Examiner  
**not yet assigned**

Group Art Unit  
**1765**

Title: **SELECTIVE ETCHING OF CARBON-DOPED LOW-K DIELECTRICS**



Address to:  
**Commissioner for Patents**  
**Alexandria, VA 22313-1450**

**37 CFR 1.97(b)**

1.  The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits; or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

**37 CFR 1.97(c)**

2.  The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), but prior to the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by the statement or fee as indicated below.

**37 CFR 1.97(d)**

3.  The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(c), but on or before payment of the issue fee and is accompanied by the statement and fee as indicated below.

**Required Statements and/or Fees Under 37 CFR 1.97(c) or (d)**

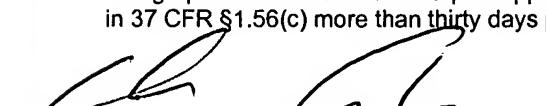
Each item of information contained in the accompanying Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Information Disclosure Statement. (37 CFR 1.97(e)(1))

No item of information in the accompanying Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned person, after making reasonable inquiry, no item of information contained in the accompanying Information Disclosure Statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the Information Disclosure Statement. (37 CFR 1.97(e)(2))

The fee set forth in 37 CFR 1.17(p). Please credit any overpayment or charge any insufficiencies to deposit account number 20-0782.

**37 CFR §1.704(d)**

4.  Each item of information in the accompanying Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in 37 CFR §1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.

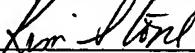
  
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Dated: MAY 17 2005

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**Kim Stone**

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## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

*(Use as many sheets as necessary)*

Sheet 1 of 2

<p>MARKS: C-3 Substitute for form 1449A/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p><i>(Use as many sheets as necessary)</i></p> <p>Sheet <b>1</b> of <b>2</b></p>		<p><b>Complete if Known</b></p> <table border="1"> <tr> <td><i>Application Number</i></td> <td><b>10/632,873</b></td> </tr> <tr> <td><i>Filing Date</i></td> <td><b>8/1/2003</b></td> </tr> <tr> <td><i>First Named Inventor</i></td> <td><b>Kim, et al.</b></td> </tr> <tr> <td><i>Art Unit</i></td> <td><b>1765</b></td> </tr> <tr> <td><i>Examiner Name</i></td> <td><b>Not yet assigned</b></td> </tr> <tr> <td><i>Attorney Docket Number</i></td> <td><b>APPM/7354/ETCH/DRIE</b></td> </tr> </table>		<i>Application Number</i>	<b>10/632,873</b>	<i>Filing Date</i>	<b>8/1/2003</b>	<i>First Named Inventor</i>	<b>Kim, et al.</b>	<i>Art Unit</i>	<b>1765</b>	<i>Examiner Name</i>	<b>Not yet assigned</b>	<i>Attorney Docket Number</i>	<b>APPM/7354/ETCH/DRIE</b>
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## U.S. PATENT DOCUMENTS

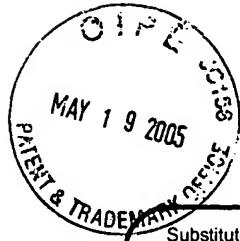
## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
	B1	JP2001127040	11/5/01	Tokyo Electron Limited		X
	B2	EP1059664	12/13/00	Applied Materials		
	B3	WO02/19408	3/7/02	Applied Materials		
	B4	EP1308994	5/7/03	Texas Instruments		
	B5	WO03/081645	10/2/03	Applied Materials		

Examiner Signature		Date Considered	
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<sup>1</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>2</sup>Applicant's unique citation designation number (optional). <sup>3</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>4</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>5</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>6</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>7</sup>Applicant is to place a check mark here if English language Translation is attached.

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PTO/SB/08b(08-03)

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Substitute for form 1449B/PTO

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*(Use as many sheets as necessary)*

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*Attorney Docket Number*

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Art Unit	1765
Examiner Name	

Attorney Docket Number APPM/7354/ETCH/DRIE

## NON PATENT LITERATURE DOCUMENTS

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

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